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<110>	Ruoho, Arnold E. Geiser, Andrew H. Krebs, Mark Sievert, Mike	
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Krebs, Mark
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cacgagtttt tcgtgcgctt cgagtggtaa cacgcgtgca cgcatcgact tcaccgcggg 180
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                                     Met Leu Glu Leu Leu Pro Thr
gca gtg gag ggg gta tcg cag gcc cag atc acc gga cgt ccg gag tgg
Ala Val Glu Gly Val Ser Gln Ala Gln Ile Thr Gly Arg Pro Glu Trp
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												gca Ala				558
												acg Thr				606
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Pro	Leu 105	Leu	Leu	Leu	Asp	Leu 110	Ala	Leu	Leu	Val	Asp 115	gcg Ala	Asp	Gln	Gly	750
Thr 120	Ile	Leu	Ala	Leu	Val 125	Gly	Ala	Asp	Gly	11e 130	Met	atc Ile	Gly	Thr	Gly 135	798
Leu	Val	Gly	Ala	Leu 140	Thr	Lys	Val	Tyr	Ser 145	Tyr	Arg	ttc Phe	Val	Trp 150	Trp	846
Ala	Ile	Ser	Thr 155	Ala	Ala	Met	Leu	Tyr 160	Ile	Leu	Tyr	gtg Val	Leu 165	Phe	Phe	894
Gly	Phe	Thr 170	Ser	Lys	Ala	Glu	Ser 175	Met	Arg	Pro	Glu	gtc Val 180	Ala	Ser	Thr	942
Phe	Lys 185	Val	Leu	Arg	Asn	Val 190	Thr	Val	Val	Leu	Trp 195	tcc Ser	Ala	Tyr	Pro	990
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gcg ccg gag ccg tcc gcc ggc gac ggc gcg gcc gcg acc agc gac tga 1182
Ala Pro Glu Pro Ser Ala Gly Asp Gly Ala Ala Ala Thr Ser Asp
250 255 260

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Asp Pro Asp Ala Lys Lys Phe Tyr Ala Ile Thr Thr Leu Val Pro Ala
50 55 60

Ile Ala Phe Thr Met Tyr Leu Ser Met Leu Leu Gly Tyr Gly Leu Thr 65 70 75 80

Met Val Pro Phe Gly Gly Glu Gln Asn Pro Ile Tyr Trp Ala Arg Tyr 85 90 95

Ala Asp Trp Leu Phe Thr Thr Pro Leu Leu Leu Leu Asp Leu Ala Leu 100 105 110

Leu Val Asp Ala Asp Gln Gly Thr Ile Leu Ala Leu Val Gly Ala Asp 115 120 125

Gly Ile Met Ile Gly Thr Gly Leu Val Gly Ala Leu Thr Lys Val Tyr 130 135 140

Ser Tyr Arg Phe Val Trp Trp Ala Ile Ser Thr Ala Ala Met Leu Tyr 145 150 155 160

Ile Leu Tyr Val Leu Phe Phe Gly Phe Thr Ser Lys Ala Glu Ser Met
165 170 175

Arg Pr	o Glu	Val \180	Ala	Ser	Thr	Phe	Lys 185	Val	Leu	Arg	Asn	Val 190	Thr	Val		
Val Le	u Trp 195		Ala	Tyr	Pro	Val 200	Val	Trp	Leu	Ile	Gly 205	Ser	Glu	Gly		
Ala Gl 21	_	Val	Pro	Leu	Asn 215	Ile	Glu	Thr	Leu	Leu 220	Phe	Met	Val	Leu		
Asp Va 225	ıl Ser	Ala	Lys	Val 230	Gly	Phe	Gly	Leu	Ile 235	Leu	Leu	Arg	Ser	Arg 240		
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93
Ser Ala Thr Thr Gln Lys Ala Glu Lys Glu Val Thr Arg Met Val
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93
Gln Glu Ser Ala Thr Thr Gln Lys Ala Glu Lys Glu Val Thr Val
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Gln Glu Ser Ala Thr Thr Gln Lys Ala Glu Lys Glu Val Thr Arg Met
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gtc
Val
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Ser Ala Thr Thr Gln Lys Ala Glu Lys Glu Val Thr Val
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Glu Ser Ala Thr Thr Gln Lys Ala Glu Lys Glu Val Thr Arg Met Val
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Glu Ser Ala Thr Thr Gln Lys Ala Glu Lys Glu Val Thr Arg Met Val
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Glu Ser Ala Thr Thr Gln Lys Ala Glu Lys Glu Val Thr Val
                                               30
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Glu Ser Ala Thr Thr Gln Lys Ala Glu Lys Glu Val Thr Val
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Gln Glu Ser Ala Thr Thr Gln Lys Ala Glu Lys Glu Val Thr Arg Val
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Ser Ala Thr Thr Gln Lys Ala Glu Lys Glu Val Thr Arg Val
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            20
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Thr Gly Gln Leu Val Phe Thr Val Lys Glu Ala Ala Ala Gln Gln
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  Tyr Ile Leu Tyr Val Leu Phe Phe Gly Phe Thr Arg Val Phe Gln Glu
geg aag ege cag ete cag aag ate gae aag tee gag gge ege tte cae
                                                                   97
Ala Lys Arg Gln Leu Gln Lys Ile Asp Lys Ser Glu Gly Arg Phe His
                                 25
gtc cag aac ctc tcc cag gtc gag cag gac ggc cgc acc ggc cac ggc
                                                                   145
Val Gln Asn Leu Ser Gln Val Glu Gln Asp Gly Arg Thr Gly His Gly
ctc cgc cgc tcc tcc aag ttc tgc ctc aag gag cac aag gcg ctc aag
                                                                   193
Leu Arg Arg Ser Ser Lys Phe Cys Leu Lys Glu His Lys Ala Leu Lys
acc ctc gag gtc gca tcc acg ttc aaa gta ctg cgt aac gtt acc gtt
                                                                   241
Thr Leu Glu Val Ala Ser Thr Phe Lys Val Leu Arg Asn Val Thr Val
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gtg ttg tgg tcc gcg tat ccc tcg t
Val Leu Trp Ser Ala Tyr Pro Ser
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85

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Ala Lys Arg Gln Leu Gln Lys Ile Asp Lys Ser Glu Gly Arg Phe His
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Leu Arg Arg Ser Ser Lys Phe Cys Leu Lys Glu His Lys Ala Leu Lys
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